

### **IN THE SPECIFICATION**

Please replace the Abstract with the following:

--A method is disclosed for reducing the effects of buckling, also referred to as cracking or wrinkling in multilayer heterostructures. The present method involves forming a planarization layer superjacent a semiconductor substrate. A barrier film having a structural integrity is formed superjacent the planarization layer. A second layer is formed superjacent the barrier film. The substrate is heated sufficiently to cause the planarization layer to expand according to a first thermal coefficient of expansion, the second layer to expand according to a second thermal coefficient of expansion, and the structural integrity of the barrier film to be maintained. This results in the barrier film isolating the planarization layer from the second layer, thereby preventing the planarization layer and the second layer from interacting during the heating step.--